

## **BEAM POWER TUBE**

### HORIZONTAL-DEFLECTION AMPLIFIER

#### Maximum Ratings, Design-Maximum Values:

For operation in a 525-line, 30-frame system DC (Including boost) PLATE VOLTAGE. . . PEAK POSITIVE—PULSE PLATE VOLTAGE\*. . . 880 max. volts 6800 max. volts - Indicates a change.

Pin 2-Heater

Pin 3 - Cathode,

Pin 4-Grid No.1 Pin 5-Grid No.1

Grid No.3

Grid No.3

Pin 7 - Heater Pin 8 - Grid No.2 Cap - Plate



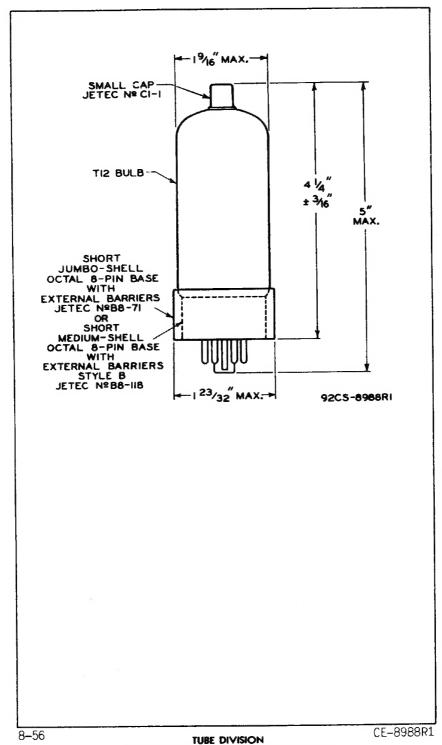


# **BEAM POWER TUBE**

PEAK NEGATIVE-PULSE PLATE VOLTAGE DC GRID-No.2 (SCREEN-GRID) VOLTAGE DC GRID-No.1 (CONTROL-GRID) VOLTAGE PEAK NEGATIVE-PULSE GRID-No.1 VOLTAGE . CATHODE CURRENT:	1650 220 55 220	max. max. max. max.	volts volts volts volts
Peak. DC. GRID-No.2 INPUT. PLATE DISSIPATION† PEAK HEATER-CATHODE VOLTAGE: Heater negative with	850 240 4 26	max. max. max.	ma ma watts watts
respect to cathode	200 200 <sup>4</sup> 220	max. max.	volts volts °C
Maximum Circuit Values: Grid-No.1-Circuit Resistance: For grid-resistor-bias operation	0.47	max.	megohm:
Without external shield.  * These values can be measured by a method involving a recurrent wave form such that the maximum ratings of the tube will not be exceeded.  As described in "Standards of Good Engineering Practice Concerning Television Broadcast Stations," Federal Communications Commission.  * The duration of the voltage pulse must not exceed 15 per cent of one horizontal scanning cycle. In a 525-line, 30-frame system, 15 per cent of one horizontal scanning cycle is 10 microseconds.  An adequate bias resistor or other means is required to protect the tube in the absence of excitation.  The dc component must not exceed 100 volts.			



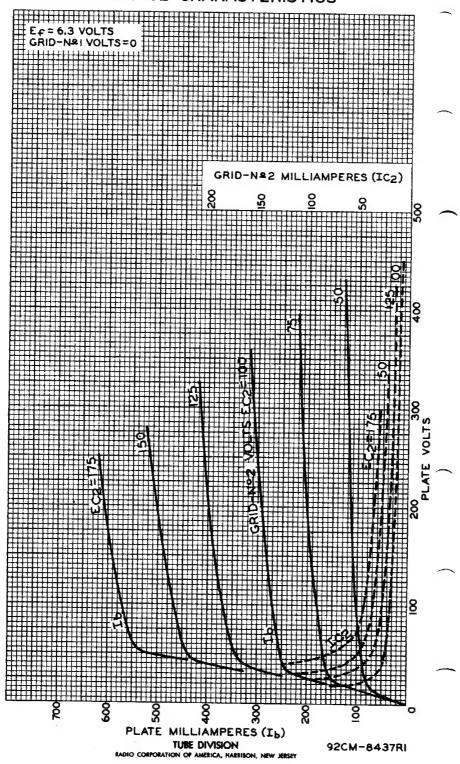








## AVERAGE CHARACTERISTICS





## AVERAGE CHARACTERISTICS

